COURSE OUTCOMES OF COMPUTER SCIENCE	
SEM-1	**PROBLEM SOLVING IN C**
CO-1	Understand the evolution and functionality of a Digital Computer.
CO-2	Apply logical skills to analyse a given problem 3. 4.5.
CO-3	Develop an algorithm for solving a given problem.
CO-4	Understand „C" language constructs like Iterative statements, Array processing, Pointers, etc.
CO-5	Apply „C" language constructs to the algorithms towrite a „C" language program.
SEM-2	**DATA STRUCTURES USING C**
CO-1	Understand available Data Structures for data storage and processing.
CO-2	ComprehendData Structure and their real-time applications - Stack, Queue, Linked List, Trees and Graph
CO-3	Choose a suitable Data Structures for an application
CO-4	Develop ability to implement different Sorting and Search methods
CO-5	Have knowledge onData Structures basic operations like insert, delete, search,update and traversal
CO-6	Design and develop programs using various data structures
CO-7	Implement the applications of algorithms for sorting, pattern matching etc
SEM-3	**DATABASE MANAGEMENT SYSTEMS**
CO-1	Gain knowledge of Database and DBMS.
CO-2	Understand the fundamental concepts of DBMS with special emphasis on relational data model.
CO-3	Demonstrate an understanding of normalization theory and apply such knowledge to the normalization of a database
CO-4	Model database using ER Diagrams and design database schemas based on the model.
CO-5	Create a small database using SQL. 6. Store, Retrieve data in database.
SEM-4	**OBJECT ORIENTATED PROGRAMMING THROUGH JAVA**
CO-1	Understand the benefits of a well-structured program
CO-2	Understand different computer programming paradigms
CO-3	Understand underlying principles of Object-Oriented Programming in Java
CO-4	Develop problem-solving and programming skills using OOP concepts
CO-5	Develop the ability to solve real-world problems through software development in high-level programming language like Java
SEM-4	**OPERATING SYSTEMS**
CO-1	Know Computer system resources and the role of operating system in resource management with algorithms
CO-2	Understand Operating System Architectural design and its services.
CO-3	Gain knowledge of various types of operating systems including Unix and Android.

CO-4	Understand various process management concepts including scheduling, synchronization, and deadlocks.
CO-5	Have a basic knowledge about multithreading.
CO-6	Comprehenddifferent approaches for memory management.
CO-7	Understand and identify potential threats to operating systems and the security features design to guard against them.
CO-8	Specify objectives of modern operating systems and describe how operating systems have evolved over time.
CO-9	Describe the functions of a contemporary operating system